

Title (en)

POWER OUTPUT APPARATUS, VEHICLE INCLUDING POWER OUTPUT APPARATUS, AND CONTROL UNIT AND METHOD FOR POWER OUTPUT APPARATUS

Title (de)

LEISTUNGSAusGANGSGERÄT, FAHRZEUG MIT DEM LEISTUNGSAusGANGSGERÄT UND STEUEREINHEIT SOWIE -VERFAHREN FÜR DAS LEISTUNGSAusGANGSGERÄT

Title (fr)

APPAREIL DE SORTIE DE PUISSANCE, VEHICULE COMPRENANT LEDIT APPAREIL, ET UNITE DE COMMANDE ET PROCEDE POUR LEDIT APPAREIL

Publication

EP 1979184 B1 20120627 (EN)

Application

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Priority

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Abstract (en)

[origin: WO2007088429A1] When there is no malfunction in either drive shaft rotational speed detection portion (36) or rotating shaft rotational speed detection portion (44), control of internal combustion engine (22), the power split device (30, MGI), the electric motor (MG2), and the shifting portion (60) is performed while speed ratio in shifting portion (60) is changed and an intermittent operation of internal combustion engine (22) is performed so that a drive power required for drive shaft (32a) is output to shaft (32a). When a malfunction occurs in drive shaft rotational speed detection portion (36) or/and rotating shaft rotational speed detection portion (44), the control is performed while at least one of change in speed ratio, intermittent operation, and output of drive power required for shaft (32a) to shaft (32a) is limited so that a drive power that approximates required drive power as closely as possible is output to drive shaft (32a).

IPC 8 full level

B60K 6/00 (2007.10); **B60K 6/445** (2007.10); **B60K 6/448** (2007.10); **B60K 6/52** (2007.10); **B60K 6/54** (2007.10); **B60K 6/547** (2007.10); **B60L 50/16** (2019.01); **B60W 10/06** (2006.01); **B60W 10/08** (2006.01); **B60W 10/10** (2012.01); **B60W 20/00** (2016.01); **F02D 29/02** (2006.01); **F16H 61/12** (2010.01); **F16H 61/68** (2006.01); **F16H 61/684** (2006.01); **F16H 63/50** (2006.01); **F16H 59/40** (2006.01); **F16H 59/42** (2006.01); **F16H 61/686** (2006.01)

CPC (source: EP KR US)

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